

- BULK TAILINGS
- OVERBURDEN AND GROWTH MEDIUM STOCKPILE (NOTE 5)
- EMBANKMENT FILL (NOTE 5)
- POND
- PYRITIC TAILINGS AND WASTE ROCK
- LINER
- MINERAL CLOSING ORDER
- MAJOR DRAINAGE DIVIDE
- NATURAL GAS PIPELINE (BY OTHERS)
- RECLAIM PIPELINE
- RECLAIM WATER PUMPING BARGE
- BULK TAILINGS PIPELINE
- BULK TAILINGS DISCHARGE
- PYRITIC TAILINGS PIPELINE
- PYRITIC TAILINGS DISCHARGE
- WTP POTABLE WATER PIPELINE
- WTP DISCHARGE PIPELINE
- ROAD (NOTE 4)
- WATER QUALITY MONITORING POINT
- GROUNDWATER QUALITY MONITORING AND POTENTIAL PUMP BACK AREA
- DIVERSION CHANNEL

- NOTES:
- COORDINATE GRID IS UTM NAD83, ALASKA STATE PLANES, ZONE 5.
  - CONTOUR INTERVAL IS 25 FEET.
  - DIMENSIONS AND ELEVATIONS ARE IN FEET, UNLESS NOTED OTHERWISE.
  - CONCEPTUAL HAUL, SERVICE, AND ACCESS ROAD CUT AND FILL EXTENTS SHOWN INCLUDE ALLOWANCE FOR BERMS, COLLECTION DITCHES, AND POWER POLES, AS REQUIRED.
  - STOCKPILE AND EMBANKMENT FOOTPRINTS INCLUDE ALLOWANCE FOR COLLECTION DITCHES.
  - FEATURES PROVIDED BY OTHERS ARE SUMMARIZED IN TABLE 1.
  - GROUNDWATER QUALITY MONITORING LOCATIONS WILL BE ESTABLISHED WITHIN THE ZONE OF INTEREST ALONG THE TOE OF THE EMBANKMENTS AS REQUIRED. ALLOWANCE FOR THE INSTALLATION OF THE MONITORING AND/OR PUMPBACK WELLS INCLUDED WITHIN THE ROAD FOOTPRINTS.

TABLE 1		
FOOTPRINT / FEATURE	SOURCE	DATE PROVIDED
OPEN PIT	TETRA TECH	JUNE 2019
EXPLOSIVE / EMULSION	TETRA TECH	JULY 2019
MILL SITE	AUSENCO	SEPTEMBER 2017
SITE ACCESS ROAD	RECON LLC.	AUGUST 2019
NATURAL GAS PIPELINE	RECON LLC.	AUGUST 2019
DRAINAGE DIVIDES	HDR	JUNE 2018

MINE FORECAST REVISION		SUMMARY AND FORECAST SCN1.2.4.xls	
CRITERIA		QUANTITY	UNITS
BULK TAILINGS STORAGE FACILITY			
BULK TAILINGS	86.3% MILL FEED	1,113,787,000	TON
PYRITIC TAILINGS STORAGE FACILITY			
PYRITIC TAILINGS	12.2% MILL FEED	157,453,000	TON
SUPERGENE / HYPOGENE		32,736,000	TON
TERTIARY WASTE		12,556,000	TON
LEACHED ZONE		10,821,000	TON
FELSENMEER		36,543,000	TON

PEBBLE PROJECT

APPLICANT: PEBBLE LIMITED PARTNERSHIP

LAT., LONG. OF MINE  
59°53'51.29"N 155°18'2.83"W

WATERWAY:  
KOKTULI RIVER

PROPOSED ACTIVITY:  
MINERAL DEVELOPMENT

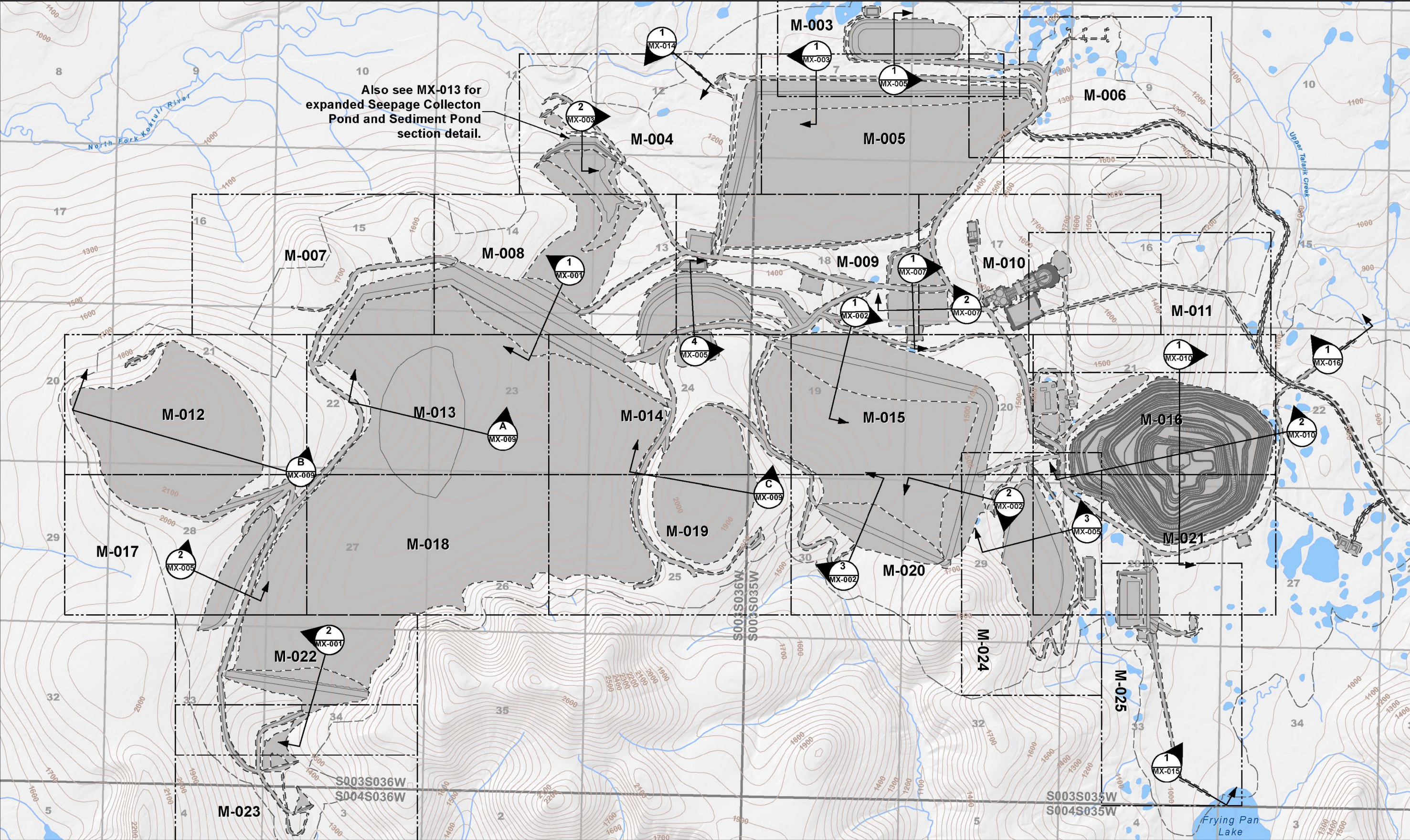
FILE NO.  
POA-2017-271

DRAWING TITLE:  
PLAN VIEW  
MINE AREA  
GENERAL ARRANGEMENT

DATE:  
JUNE 2020

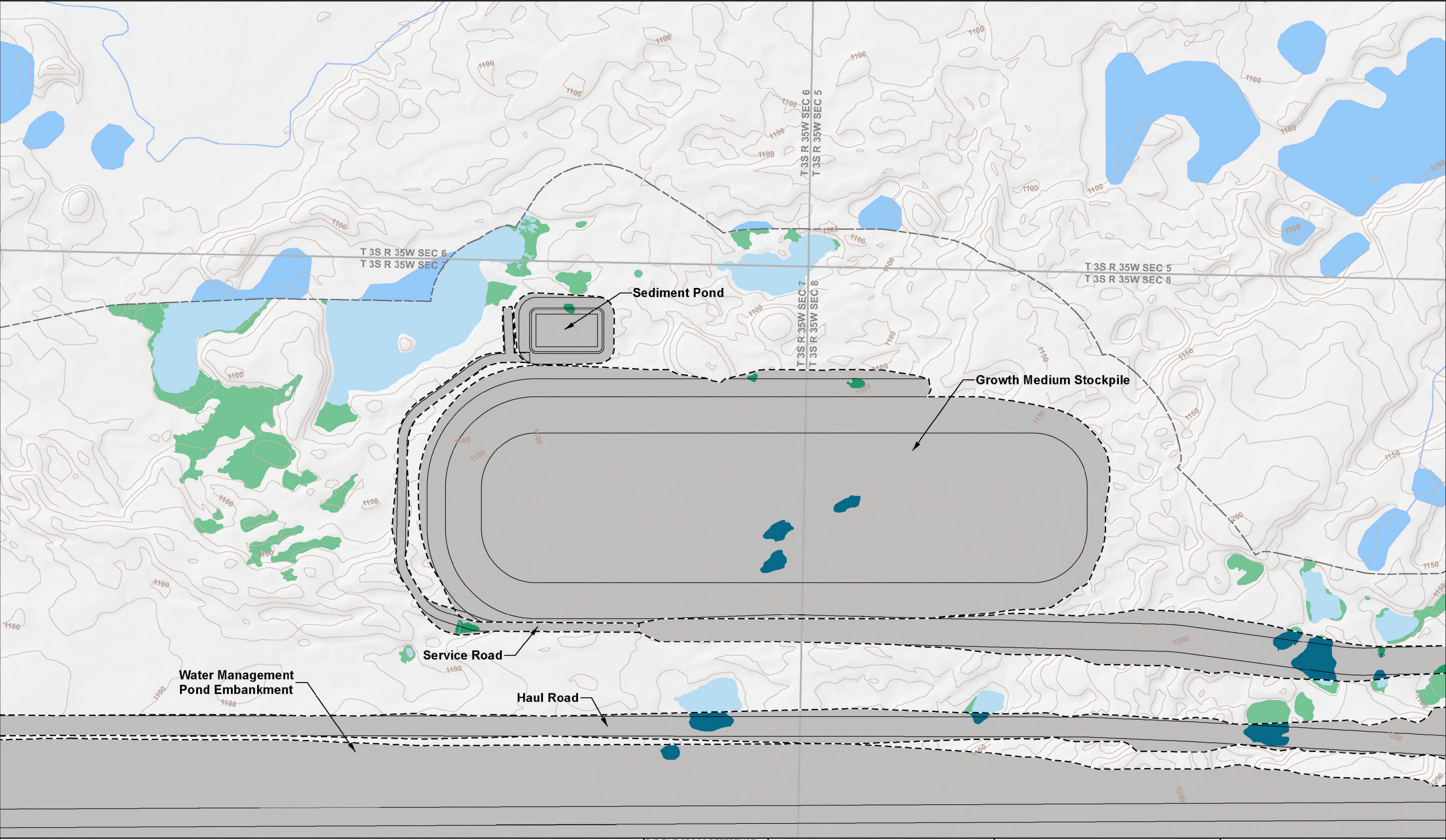
FIGURE NO.  
M-001





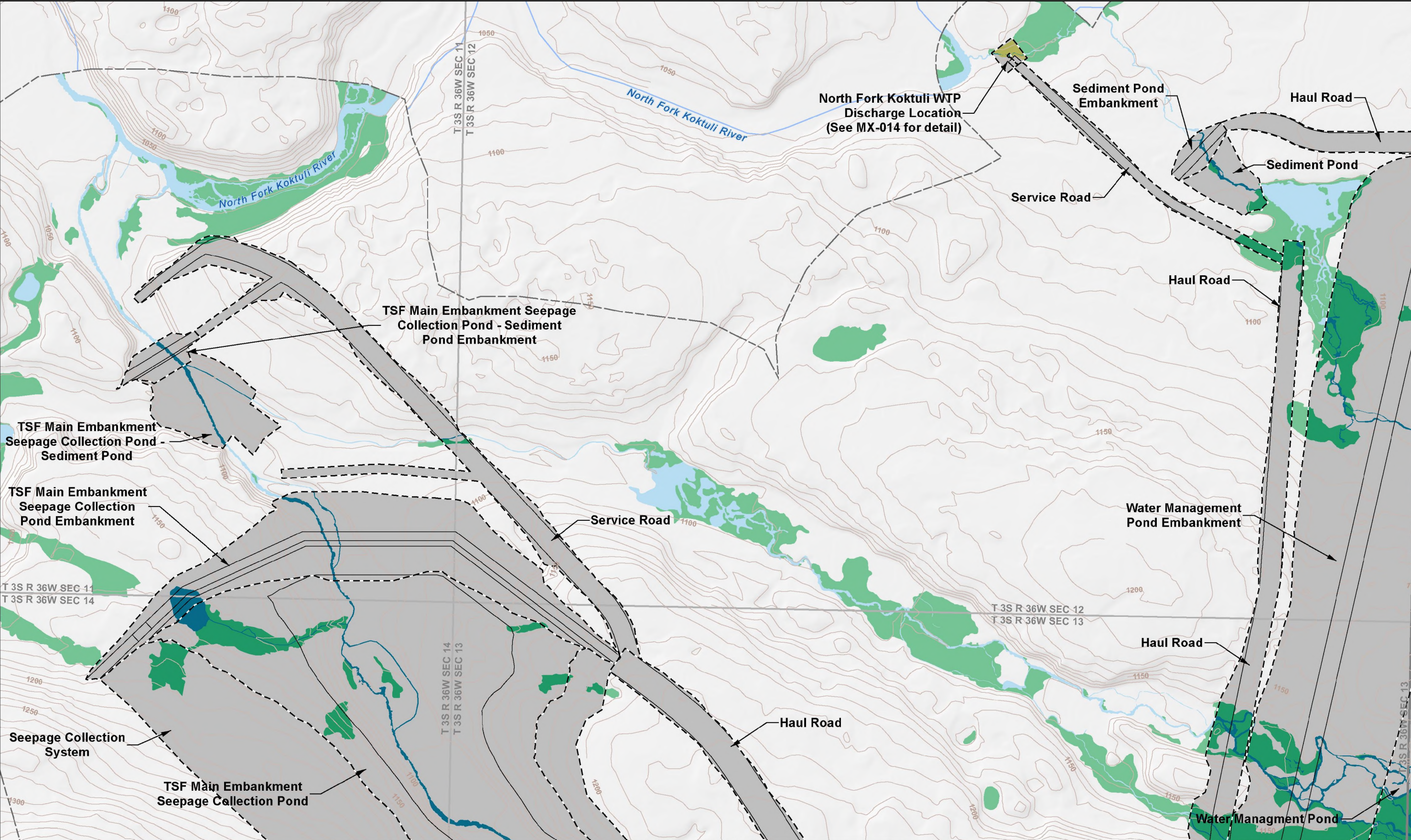
<div><div><div></div><div>Other Figure Extent</div></div><div><div></div><div>Project Disturbance Limit</div></div><div><div></div><div>Project Design Detail Feature</div></div><div><div></div><div>USGS Waterbody</div></div><div><div></div><div>USGS Stream</div></div></div> <div><div><div></div><div>Section Boundary</div></div><div><div></div><div>Township Boundary</div></div><div><div></div><div>50' Contour (Existing)</div></div></div>	NOTES	<div><div>0150030004500</div><div>Feet</div></div> <div>1 inch = 3,000 feet</div>	<div>PEBBLE PROJECT</div> <div>APPLICANT: PEBBLE LIMITED PARTNERSHIP</div>		DRAWING TITLE: <b>PLAN VIEW MINE AREA OVERVIEW</b>		
		NAD 1983 StatePlane Alaska 5 FIPS 5005 Feet	<div>LAT., LONG. OF MINE</div> <div>59°53'51.29"N 155°18'2.83"W</div>	<div>PROPOSED ACTIVITY:</div> <div>MINERAL DEVELOPMENT</div>		DATE: JUNE 2020	FIGURE NO. M-002
			<div>WATERWAY:</div> <div>UPPER TALARIK CREEK AND KOKTULI RIVER</div>	<div>FILE NO.</div> <div>POA-2017-271</div>			





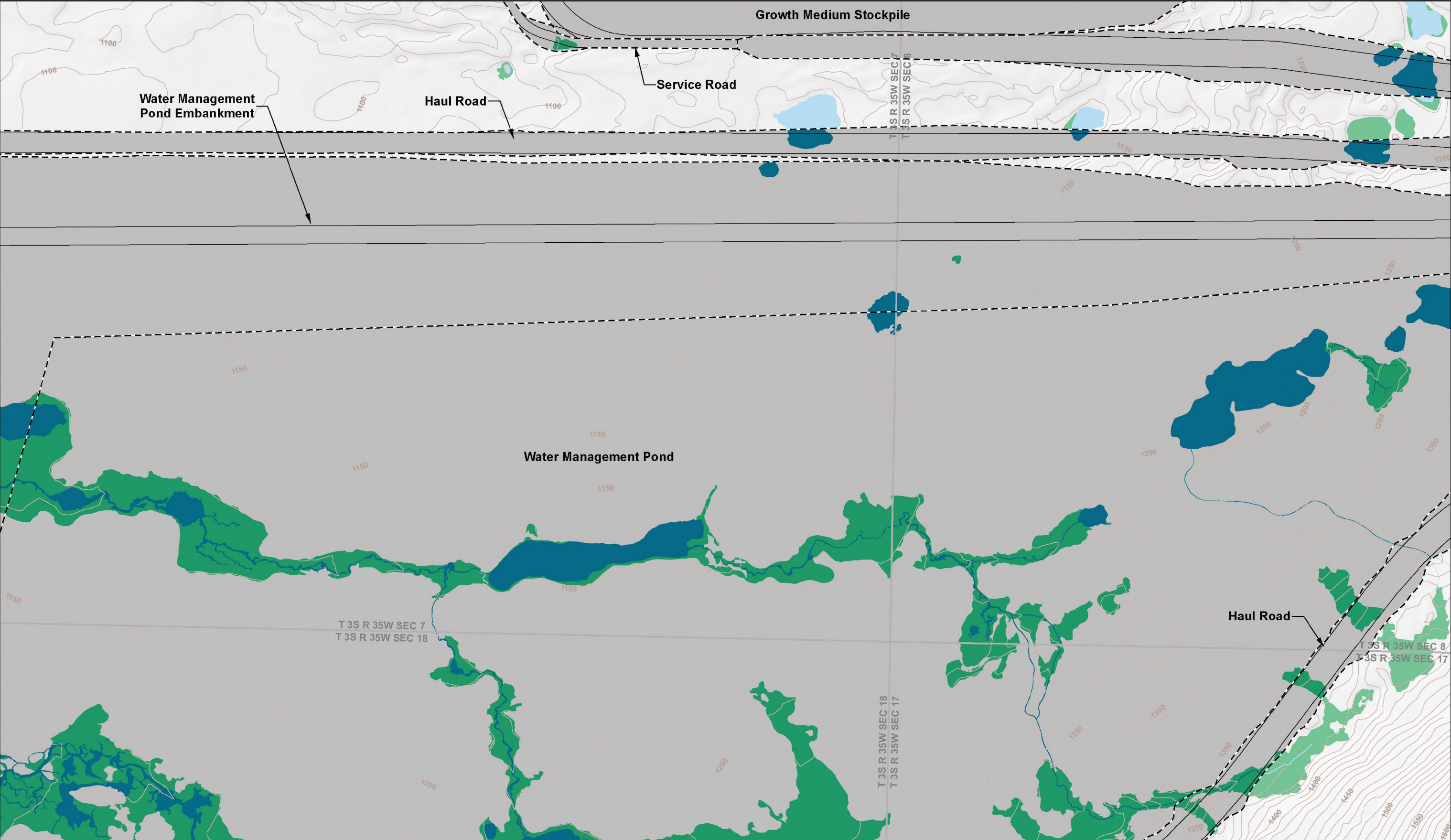
<div><div><div><div></div><div>Project Disturbance Limit</div></div><div><div></div><div>Project Design Detail Feature</div></div><div><div></div><div>Wetland Mapping Limit</div></div><div><div></div><div>Mapped Wetlands</div></div><div><div></div><div>Mapped Waters</div></div></div><div><div><div><div></div><div>Permanent Discharge in Wetlands</div></div><div><div></div><div>Temporary Discharge in Wetlands</div></div><div><div></div><div>Permanent Discharge in Waters</div></div><div><div></div><div>Temporary Discharge in Waters</div></div><div><div></div><div>USGS Waterbody (outside mapping limits)</div></div></div><div><div><div><div></div><div>USGS Stream (outside mapping limits)</div></div><div><div></div><div>Section Boundary</div></div><div><div></div><div>Township Boundary</div></div><div><div></div><div>10' Contours (Existing)</div></div></div></div></div></div>	<div>PJD TILE CROSS REFERENCE A10, A11, A9, B10, B11, B9</div> <div>NOTES</div>	<div><div><div><div></div><div>0</div></div><div><div></div><div>250</div></div><div><div></div><div>500</div></div><div><div></div><div>750</div></div></div><div>Feet</div><div>1 inch = 500 feet</div><div>NAD 1983 StatePlane Alaska 5 FIPS 5005 Feet</div></div>	<div><div><div>PEBBLE PROJECT</div><div>APPLICANT: PEBBLE LIMITED</div></div><div><div>LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W</div><div>WATERWAY: KOKTULI RIVER</div></div></div>	<div><div>PROPOSED ACTIVITY: MINERAL DEVELOPMENT</div><div>FILE NO: POA-2017-271</div></div>	<div><div>DRAWING TITLE: PLAN VIEW MINE AREA</div><div>DATE: JUNE 2020</div></div>	<div>FIGURE NO. M-003</div>
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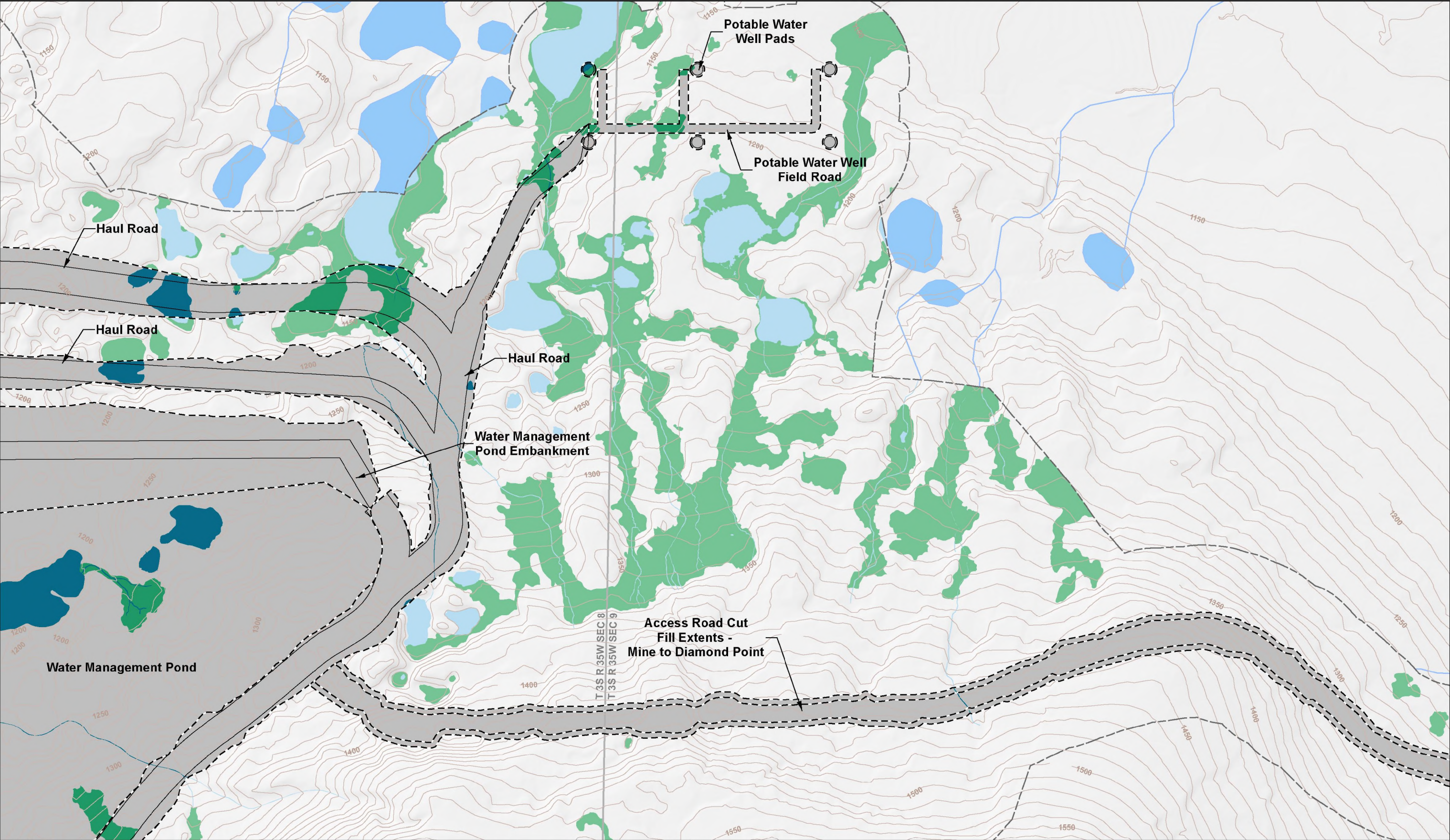
<div><div><div><div></div><div>Project Disturbance Limit</div></div><div><div></div><div>Project Design Detail Feature</div></div><div><div></div><div>Wetland Mapping Limit</div></div><div><div></div><div>Mapped Wetlands</div></div><div><div></div><div>Mapped Waters</div></div></div><div><div><div><div></div><div>Permanent Discharge in Wetlands</div></div><div><div></div><div>Temporary Discharge in Wetlands</div></div><div><div></div><div>Permanent Discharge in Waters</div></div><div><div></div><div>Temporary Discharge in Waters</div></div><div><div></div><div>USGS Waterbody (outside mapping limits)</div></div></div><div><div><div><div></div><div>USGS Stream (outside mapping limits)</div></div><div><div></div><div>Section Boundary</div></div><div><div></div><div>Township Boundary</div></div><div><div></div><div>10' Contours (Existing)</div></div></div></div><div><div>PJD TILE CROSS REFERENCE B6, B7, B8, C6, C7, C8, D6, D7, D8</div><div>NOTES</div></div><div><div><div><div></div><div>0</div></div><div><div></div><div>250</div></div><div><div></div><div>500</div></div><div><div></div><div>750</div></div><div>Feet</div></div><div>1 inch = 500 feet</div><div>NAD 1983 StatePlane Alaska 5 FIPS 5005 Feet</div></div><div><div><div>PEBBLE PROJECT</div><div>APPLICANT: PEBBLE LIMITED</div></div><div><div>LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W</div><div>WATERWAY: UPPER TALARIK CREEK AND KOKTULI RIVER</div></div><div><div>PROPOSED ACTIVITY: MINERAL DEVELOPMENT</div><div>FILE NO. POA-2017-271</div></div><div><div>DRAWING TITLE: PLAN VIEW MINE AREA</div><div>DATE: JUNE 2020</div><div>FIGURE NO. M-004</div></div></div></div><div data-bbox="1022 1923 2057 1951" data-label="Page-Footer"><p>Case 3:24-cv-00059-SLG Document 113-4 Filed 10/18/24 Page 4 of 6</p></div><div data-bbox="2845 1983 3030 2007" data-label="Page-Footer"><p>USACE0000092</p></div></div>
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<div><div><div><div><div></div><div>Project Disturbance Limit</div></div><div><div></div><div>Project Design Detail Feature</div></div><div><div></div><div>Wetland Mapping Limit</div></div><div><div></div><div>Mapped Wetlands</div></div><div><div></div><div>Mapped Waters</div></div></div><div><div><div><div></div><div>Permanent Discharge in Wetlands</div></div><div><div></div><div>Temporary Discharge in Wetlands</div></div><div><div></div><div>Permanent Discharge in Waters</div></div><div><div></div><div>Temporary Discharge in Waters</div></div><div><div></div><div>USGS Waterbody (outside mapping limits)</div></div></div><div><div><div><div></div><div>USGS Stream (outside mapping limits)</div></div><div><div></div><div>Section Boundary</div></div><div><div></div><div>Township Boundary</div></div><div><div></div><div>10' Contours (Existing)</div></div></div></div><div><div><div><div><div></div><div>PJD TILE CROSS REFERENCE</div><div>B10, B11, B8, B9, C10, C11, C8, C9, D10, D11, D8, D9</div></div><div><div>NOTES</div></div></div><div><div><div><div><div></div><div>0</div></div><div><div></div><div>250</div></div><div><div></div><div>500</div></div><div><div></div><div>750</div></div></div><div><div></div><div>Feet</div></div></div><div><div><div>1 inch = 500 feet</div></div><div><div>NAD 1983 StatePlane Alaska 5 FIPS 5005 Feet</div></div></div></div><div><div><div><div><div><div>PEBBLE PROJECT</div><div>APPLICANT: PEBBLE LIMITED</div></div><div><div>LAT., LONG. OF MINE</div><div>59°53'51.29"N 155°18'2.83"W</div></div><div><div>PROPOSED ACTIVITY:</div><div>MINERAL DEVELOPMENT</div></div><div><div>WATERWAY:</div><div>KOKTULI RIVER</div></div><div><div>FILE NO.</div><div>POA-2017-271</div></div></div><div><div><div>DRAWING TITLE:</div><div>PLAN VIEW MINE AREA</div></div><div><div>DATE:</div><div>JUNE 2020</div></div><div><div>FIGURE NO.</div><div>M-005</div></div></div></div></div><div data-bbox="1022 1923 2057 1951" data-label="Page-Footer"><p>Case 3:24-cv-00059-SLG Document 113-4 Filed 10/18/24 Page 5 of 6</p></div><div data-bbox="2845 1983 3030 2009" data-label="Page-Footer"><p>USACE0000093</p></div></div></div></div></div></div></div>
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Project Disturbance Limit		Permanent Discharge in Wetlands	USGS Stream (outside mapping limits)	PJD TILE CROSS REFERENCE A11, A12, B11, B12, C11, C12, C13	 0 250 500 750 Feet	<b>PEBBLE PROJECT</b> APPLICANT: <b>PEBBLE LIMITED</b>		DRAWING TITLE: <b>PLAN VIEW MINE AREA</b>	
Project Design Detail Feature	Temporary Discharge in Wetlands								
Wetland Mapping Limit	Permanent Discharge in Waters	Section Boundary	Township Boundary	NOTES	1 inch = 500 feet	LAT., LONG. OF MINE 59°53'51.29"N 155°18'2.83"W	PROPOSED ACTIVITY: <b>MINERAL DEVELOPMENT</b>	DATE: <b>JUNE 2020</b>	FIGURE NO. <b>M-006</b>
Mapped Wetlands	Temporary Discharge in Waters	10' Contours (Existing)				NAD 1983 StatePlane Alaska 5 FIPS 5005 Feet	WATERWAY: UPPER TALARIK CREEK AND KOKTULI RIVER		
Mapped Waters	USGS Waterbody (outside mapping limits)								